

Federal Express Tracking#: 8019 6577 2833

March 1, 2013

Office of Enforcement and Compliance Assurance Office of Federal Activities International Compliance Assurance Division (2254A) Environmental Protection Agency 1200 Pennsylvania Ave., NW Washington, DC 20460

Re:

2012 Annual Export Report

Delaware City Refining Company EPA ID Number: DEN201000006

Dear Administrator,

The Delaware City Refining Company LLC ("DCRC") is submitting this Annual Report for the 2012 calendar year for hazardous waste that was exported to a foreign country from our refinery located in Delaware City, DE. Please note that Omni Vision International, Inc. may have filed a similar report for the waste (Spent Hydrotreating Catalyst) identified in this report.

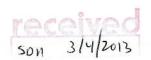
This report has been prepared in accordance with the requirements of 40 CFR 262.56.

(a)(1) The EPA identification number, name, and mailing and site address of the exporter:

EPA ID No. DEN201000006 Delaware City Refining Company LLC 4550 Wrangle Hill Road Delaware City, DE 19706

(a)(2) The calendar year covered by the report:

2012





## (a)(3) The name and site address of each consignee:

Consignee #1 (Spent Hydrotreating Catalyst)
Young Sin Metal Working Company, LTD
601 Yuha-RI, Jang Yu-MYUN
Kimhae Korea 621-832
Republic of Korea

Consignee #2 (Spent Hydrotreating Catalyst)
Young Sin Metal Working Company, LLC
1206-11 Sing San-RI, Jinrang-EUP
Kyungsan City
Kyungsanbuk-Do, South Korea

Consignee #3 (Spent Hydrotreating Catalyst)
Union Corporation #548
Okmyoung-Ri, Daesongmyon,
Namqu, Pohang City
Kyungsanbuk-Do, Korea

(a)(4) By consignee, for each hazardous waste exported, a description of the hazardous waste, the EPA hazardous waste number (from 40 CFR part 261, subpart C or D), DOT hazard class, the name and US EPA ID number (where applicable) for each transporter used, the total amount of waste shipped and number of shipments pursuant to each notification:

### Consignee #1

Spent Hydrotreating Catalyst, K171, DOT Hazard Class 4.2

Transporter: Clean Venture, Inc. (EPA ID# NJ0000027193) 100.5935 Tons, 9 shipments

Freehold Cartage, Inc. (EPA ID# NJD054126164) 24.035 Tons, 2 shipments

### Consignee #2

Spent Hydrotreating Catalyst, K171, DOT Hazard Class 4.2

Transporter: Freehold Cartage, Inc. (EPA ID# NJD054126164) 57.9975 Tons, 4 shipments

#### Consignee #3

Spent Hydrotreating Catalyst, K171, DOT Hazard Class 4.2

Transporter: Freehold Cartage, Inc. (EPA ID# NJD054126164) 57.0565 Tons, 4 shipments



- (a)(5) Except for hazardous waste produced by exporters of greater than 100 kg but less than 1000 kg in a calendar month, unless provided pursuant to §262.41, in even numbered years:
- (i) A description of the efforts undertaken during the year to reduce the volume and toxicity of waste generated; and

The goal of the DCRC is to continuously reduce hazardous waste generation through process improvement and recycling. The DCRC constantly evaluates and optimizes production processes to extend the catalyst life. The DCRC also actively seeks opportunities for viable alternatives. The DCRC's preference is reclamation or reuse of these spent hydrotreating catalysts (K171) as we resort to landfilling or incineration if recycling efforts are deemed infeasible. As a result the spent hydrotreating catalysts were reclaimed for base metals at Young Sin Metal Working Company and Union Corporation in Korea.

(ii) A description of the changes in volume and toxicity of waste actually achieved during the year in comparison to previous years to the extent such information is available for years prior to 1984:

The volumes of the spent catalysts are driven by economics, product demand and process efficiency. A year-to-year comparison is not indicative of the DCRC's waste reduction efforts. Through metal reclamation at Union Corporation, approximately 10% of the molybdenum contained in the spent hydrotreating catalysts was reclaimed in 2012.

# (a)(6) A certification signed by the primary exporter:

The certification is included as Attachment A

Please contact me at (302) 834-6212 or Michael. Hayes@pbfenergy.com if you have any questions regarding this information.

Sincerely,

Delaware City Refining Company, LLC

Le J Hayes

Michael Hayes

Environmental Engineer

Attachment A



## Attachment A

# **Certification by Primary Exporter**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Herman Seedorf, Refinery Manager

Herman Sudof

3/1/13

Date



cc: Department of Natural Resources and Environmental Control

Solid and Hazardous Waste Management Branch

89 Kings Highway Dover, Delaware 19901

59	Package	SPH	
	Express US Airbill Tacking 8019 6577 2833	Form 0215 Recipient	's Copy
1	From Date 3 1 1 3	4 Express Package Service *To most locations. Packages or For packages or Feder Express Feder Expres	up to 150 lbs. or 150 lbs., use the reight US Airbill.
	Sender's Name MKCHAYCS Phone 302 834-6212	Next Business Day  FedEx First Overnight Earliest next business morning delivery to select locations. Friday shipmants will be delivered on Monday unfees SATURDAY belivery is Selected.  Saturday Delivery NOT available.	l
	Company DELAWARE CITY REFINING COMPANY	Monday unless SATURDAY Delivery is selected.  FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.  FedEx 2Day Second business afternoon.* Thursday shipmen will be delivered on Monday unless SATURDAY Delivery is selected.	nts
	Address 4550 WRANGLE HILL RD	FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.  FedEx Express Saver Third business day.* Saturday Delivery NOT available.	
	City DELAWARE CITY State DE ZIP 19706	5 Packaging *Declared value limit \$500.	fec
2	Your Internal Billing Reference	FedEx Envelope* FedEx Pak* FedEx Box FedEx Tube	fedex.com
3	Recipients Name  Environmental Protection Phone	Special Handling and Delivery Signature Options     SATURDAY Delivery     NOT available for FodEx Standard Overright, FodEx 2Day A.M., or FodEx Express Saver.	n 1800.GoFedEx
2 3	Company International Compliance Assurance (2254A)	No Signature Required Package may be left without Package may be left without Semegrie at recipients address address	
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Į.	8019 6577 2833	Our liability is limited to USS100 unless you doctore a higher value. See the current FedEx Service Guide for details.  lev. Date 2/12 - Part + 163134 - 161994-2012 FedEx - PRINTED IN U.S.A. SRS	1 11